IN THE CLAIMS

Please amend the claims as follows:

1. (original) A method of encoding an audio signal (x), the method comprising the steps of:

providing a respective set of sampled signal values for each of a plurality of sequential segments;

analysing the sampled signal values to generate one or more sinusoidal components for each of the plurality of sequential segments;

linking sinusoidal components across a plurality of sequential segments;

generating sinusoidal codes comprising tracks of linked sinusoidal components for each of the plurality of sequential segments wherein each track comprises a frequency and amplitude for a sinusoidal component in a starting segment of a track, and wherein selected tracks do not include a phase for said starting segment; and

generating an encoded audio stream including said sinusoidal codes.

2. (original) A method according to claim 1 wherein said selected tracks include an indicator that no phase is included for said starting segment.

3. (original) A method according to claim 1 wherein said selected tracks are less than 5 segments in length.

4. (original) A method according to claim 1 wherein said selected tracks are less than 40ms in length.

5. (original) A method according to claim 1 wherein said selected tracks represent non-tonal components of an audio signal.

6. (original) A method according to claim 1 wherein said selected tracks represent a component of a voiced time interval in said audio signal.

7. (original) A method according to claim 1 wherein said selected tracks represent a component of a noisy interval in said audio signal.

8. (original) A method according to claim 1 in which each track comprises a frequency and amplitude difference for each sinusoidal component in a subsequent continuation segment of said track.

9. (original) Method of decoding an audio stream, the method comprising the steps of:
reading an encoded audio stream including sinusoidal codes comprising tracks of linked sinusoidal components for each of the plurality of sequential segments, wherein each track comprises a frequency and amplitude for a sinusoidal component in a starting segment of a track, and wherein selected tracks do not include a phase for said starting segment;
generating for said selected tracks a random start phase; and
employing said sinusoidal codes to synthesize said audio signal including re-constructing sinusoidal components across a plurality of sequential segments.

10. (original) A method as claimed in claim 9 wherein said generating step comprises generating a random phase for each sinusoidal component of said selected tracks.

11. (original) Audio coder arranged to process a respective set of sampled signal values for each of a plurality of sequential segments of an audio signal (x), said coder comprising:…
an analyser arranged to analyse the sampled signal values to generate one or more sinusoidal components for each of the plurality of sequential segments;
a linker arranged to link sinusoidal components across a plurality of sequential segments;
a component arranged to generate sinusoidal codes comprising tracks of linked sinusoidal components for each of the plurality of sequential segments wherein each track comprises a frequency and amplitude for a sinusoidal component in a starting segment of a track, and wherein selected tracks do not include a phase for said starting segment; and
a bit stream generator for generating an encoded audio stream including said sinusoidal codes.

12. (original) Audio player, comprising:
means for reading an encoded audio stream including sinusoidal codes comprising tracks of linked sinusoidal components for each of the plurality of sequential segments, wherein each track comprises a frequency and amplitude for a sinusoidal component in a starting

segment of a track, and wherein selected tracks do not include a phase for said starting segment;

a phase generator arranged to generate for said selected tracks a random start phase; and

a synthesizer employing said sinusoidal codes to synthesize said audio signal including re-constructing sinusoidal components across a plurality of sequential segments.

13. (currently amended) Audio system comprising an audio coder as claimed in claim 11 ~~and an audio player as claimed in claim 12~~.

14. (original) Audio stream comprising sinusoidal codes representative of at least a component of an audio signal, said codes comprising tracks of sinusoidal components linked across said plurality of sequential segments, wherein each track comprises a frequency and amplitude for a sinusoidal component in a starting segment of a track, and wherein selected tracks do not include a phase for said starting segment.

15. (original) Storage medium on which an audio stream as claimed in claim 14 has been stored.